

JC862 U.S. PRO
09/851633
05/08/01

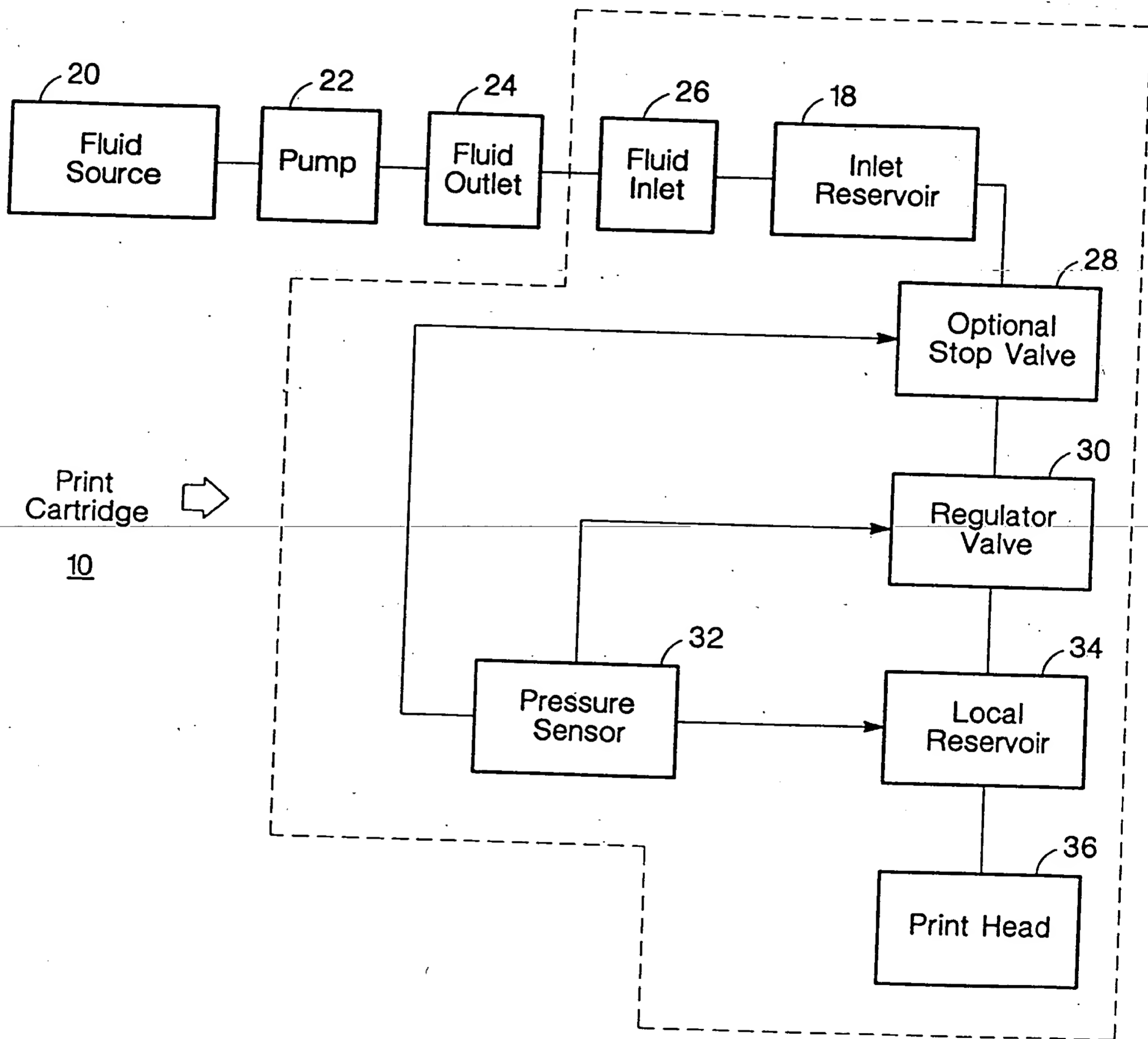


Fig. 1
Prior Art

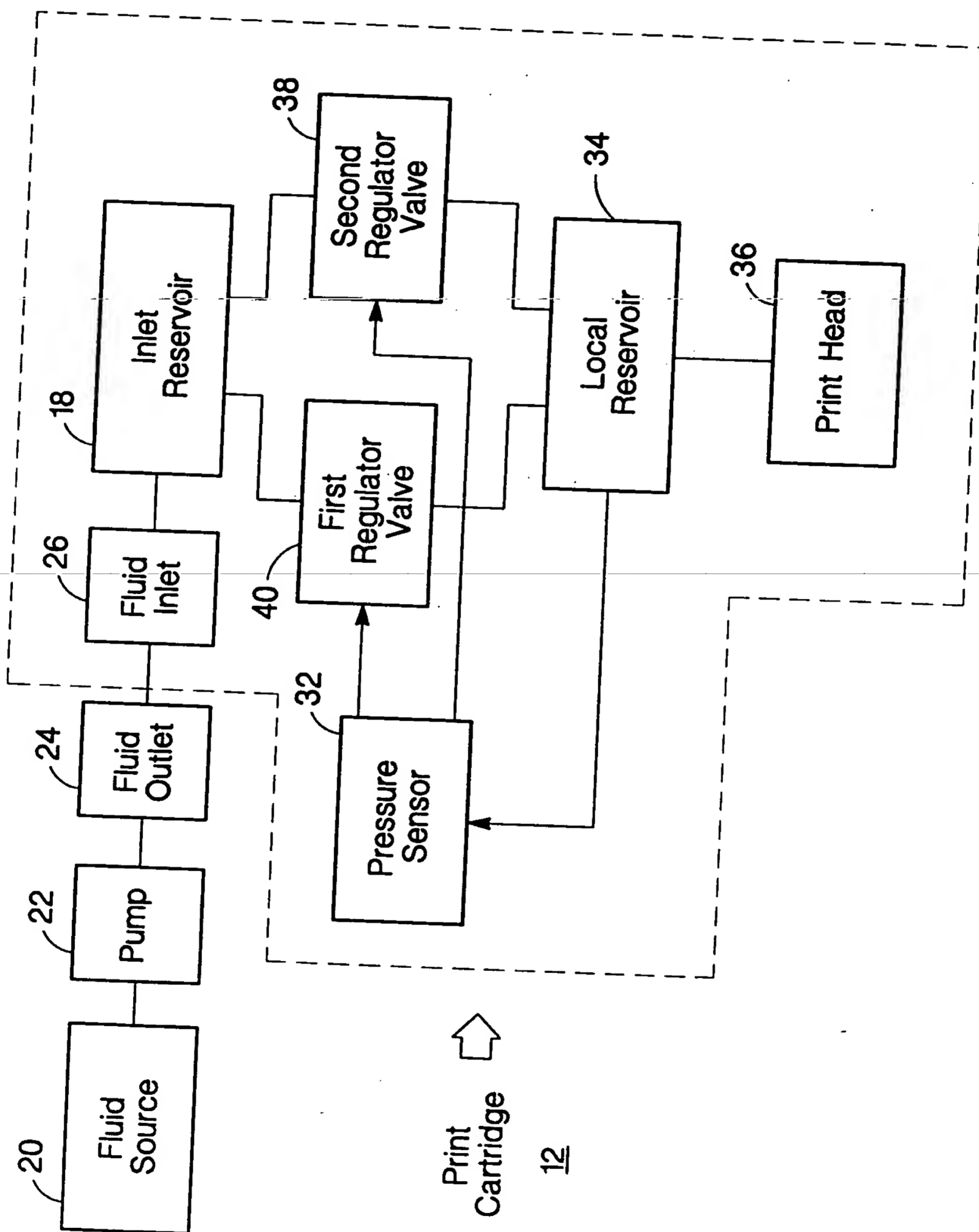


FIG. 3

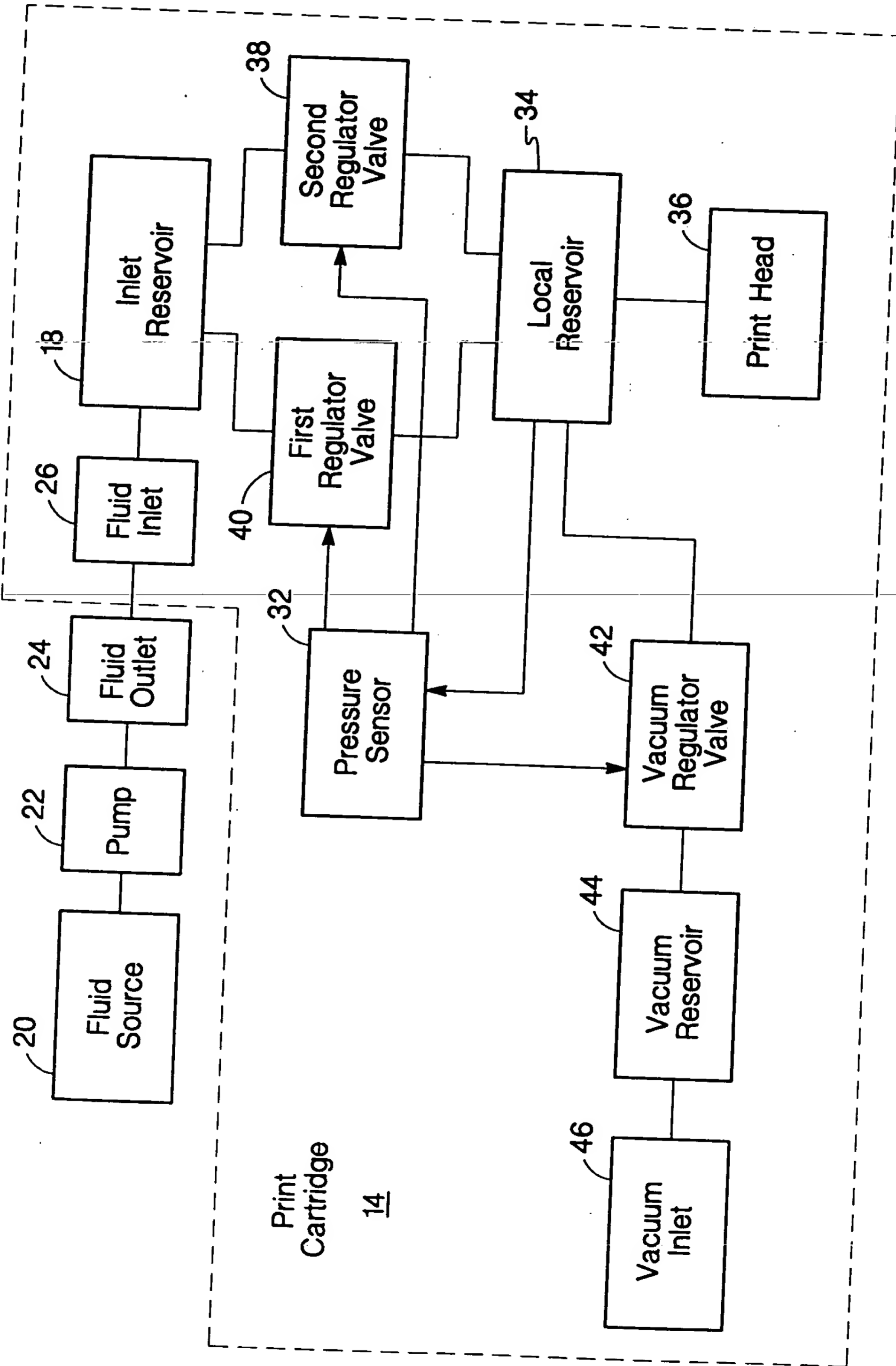


Fig. 3

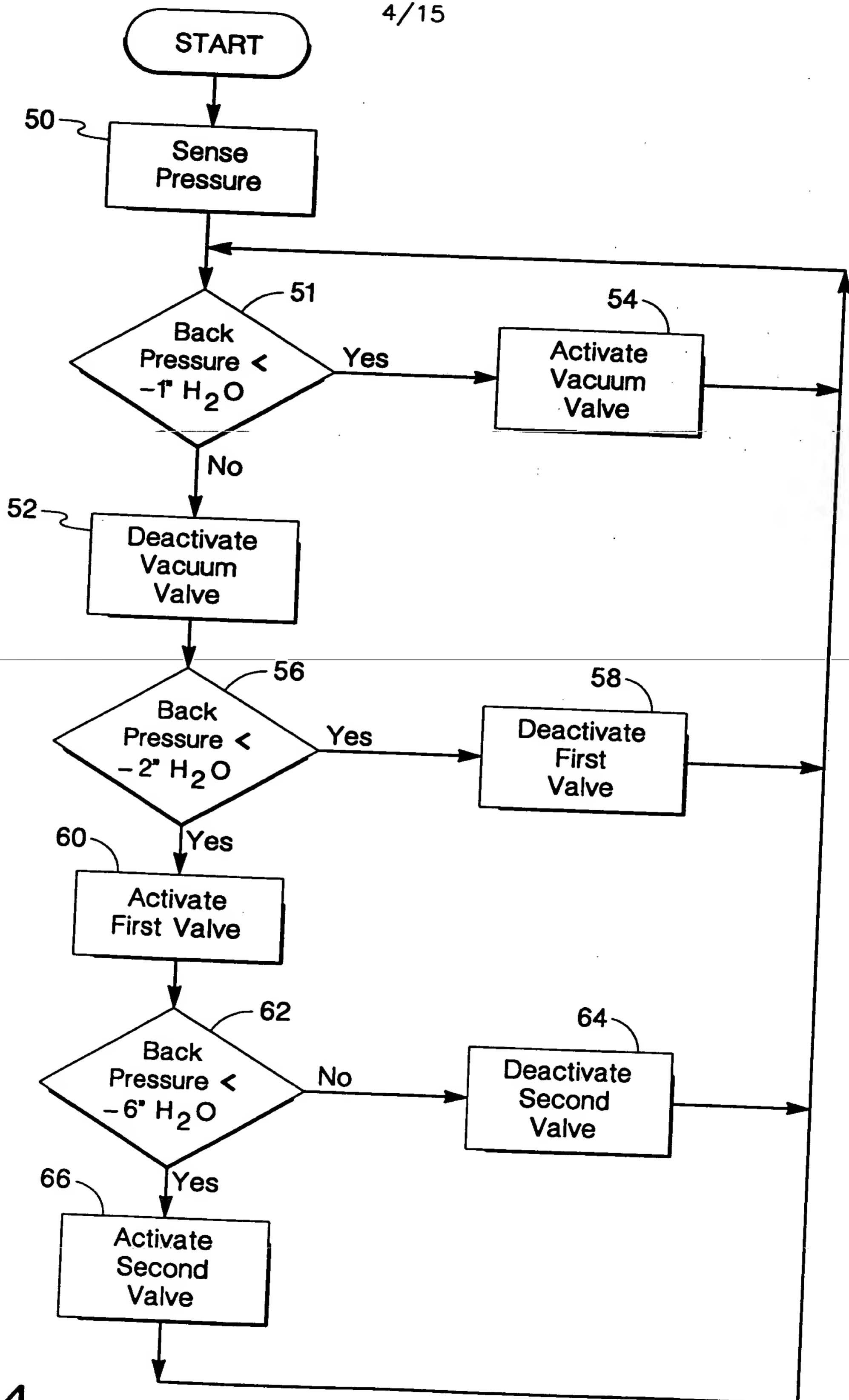


Fig. 4

5/15

Conventional
Stop Valve
28

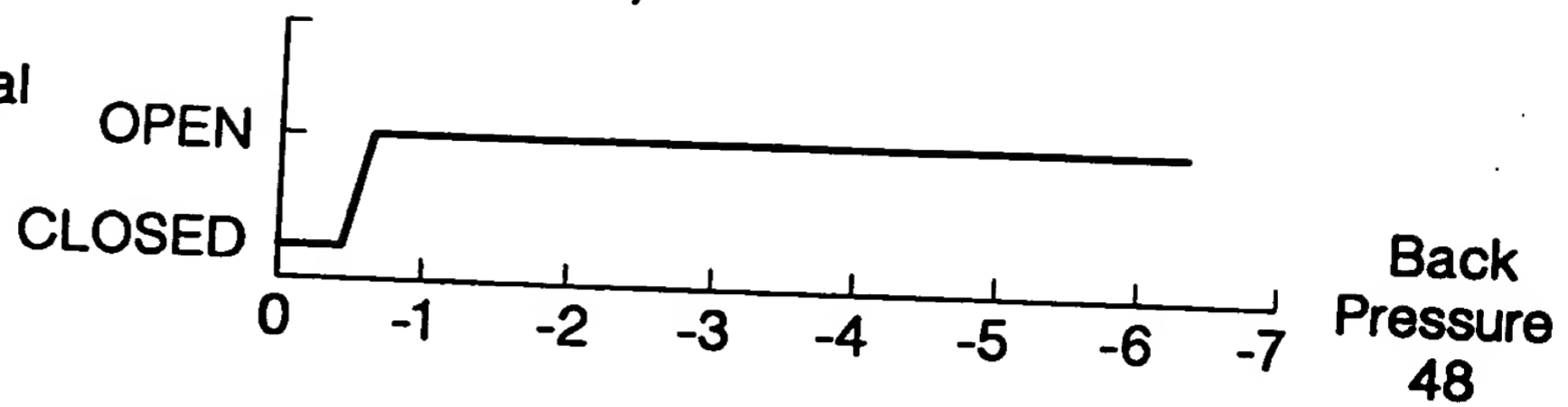


Fig. 5A

Vacuum Valve
42

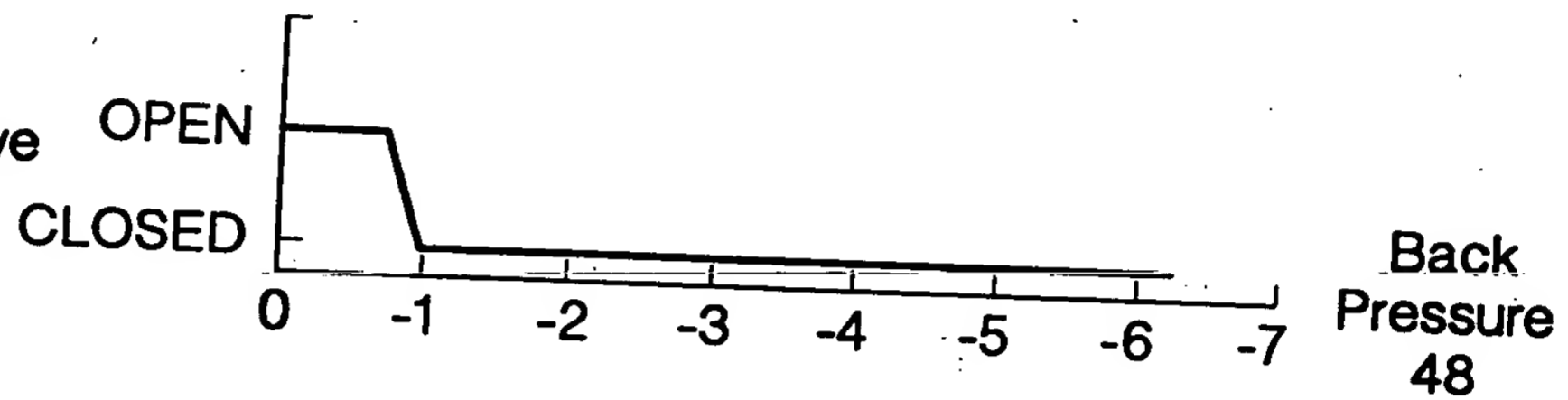


Fig. 5B

First Valve
40

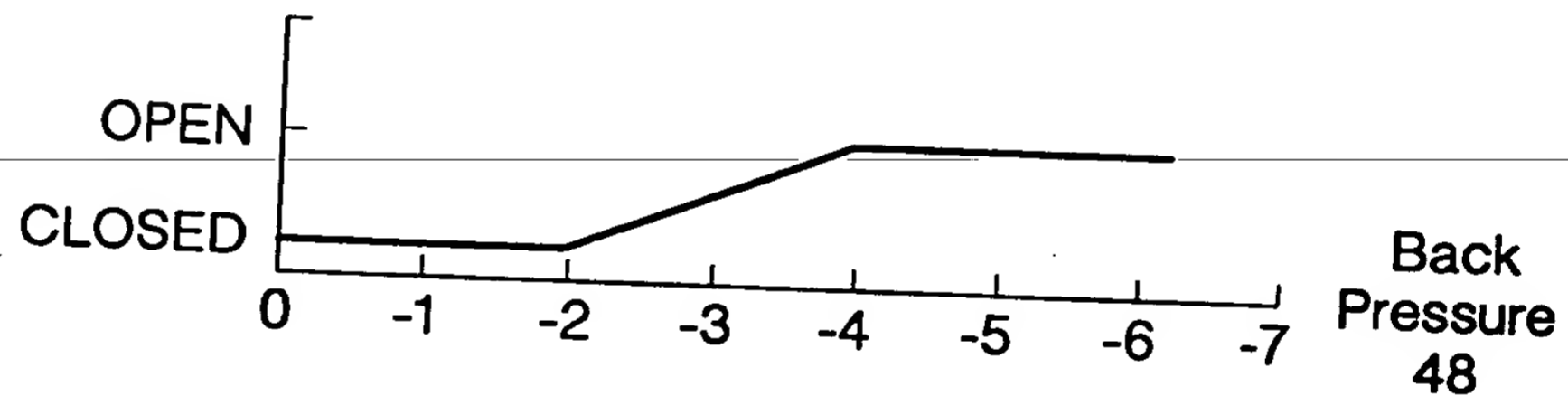


Fig. 5C

Second Valve
38

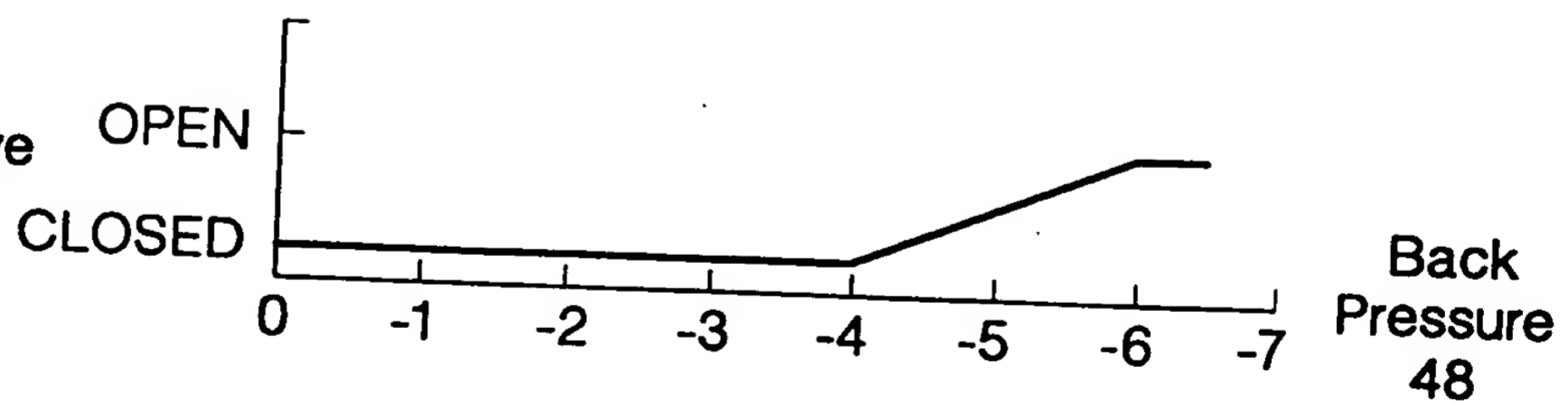


Fig. 5D

Fluid
Flow 68
Into Local
Reservoir
34

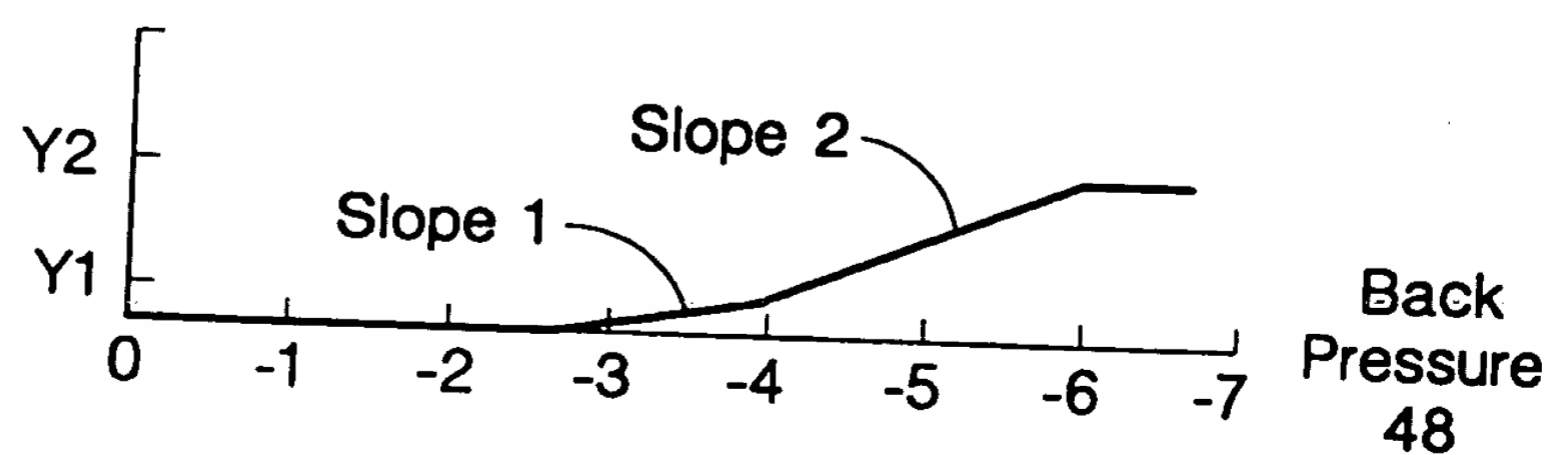


Fig. 5E

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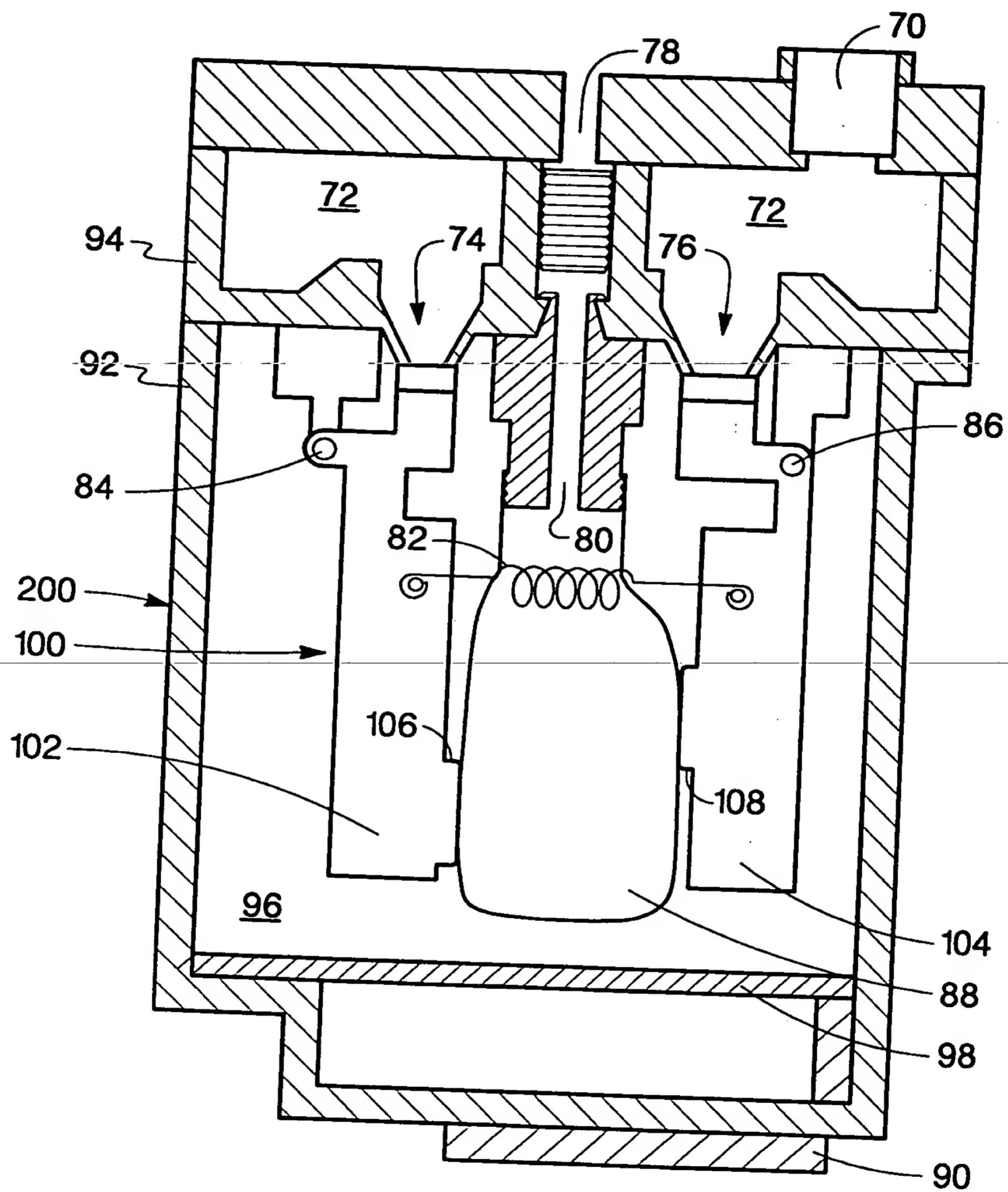


Fig. 6A

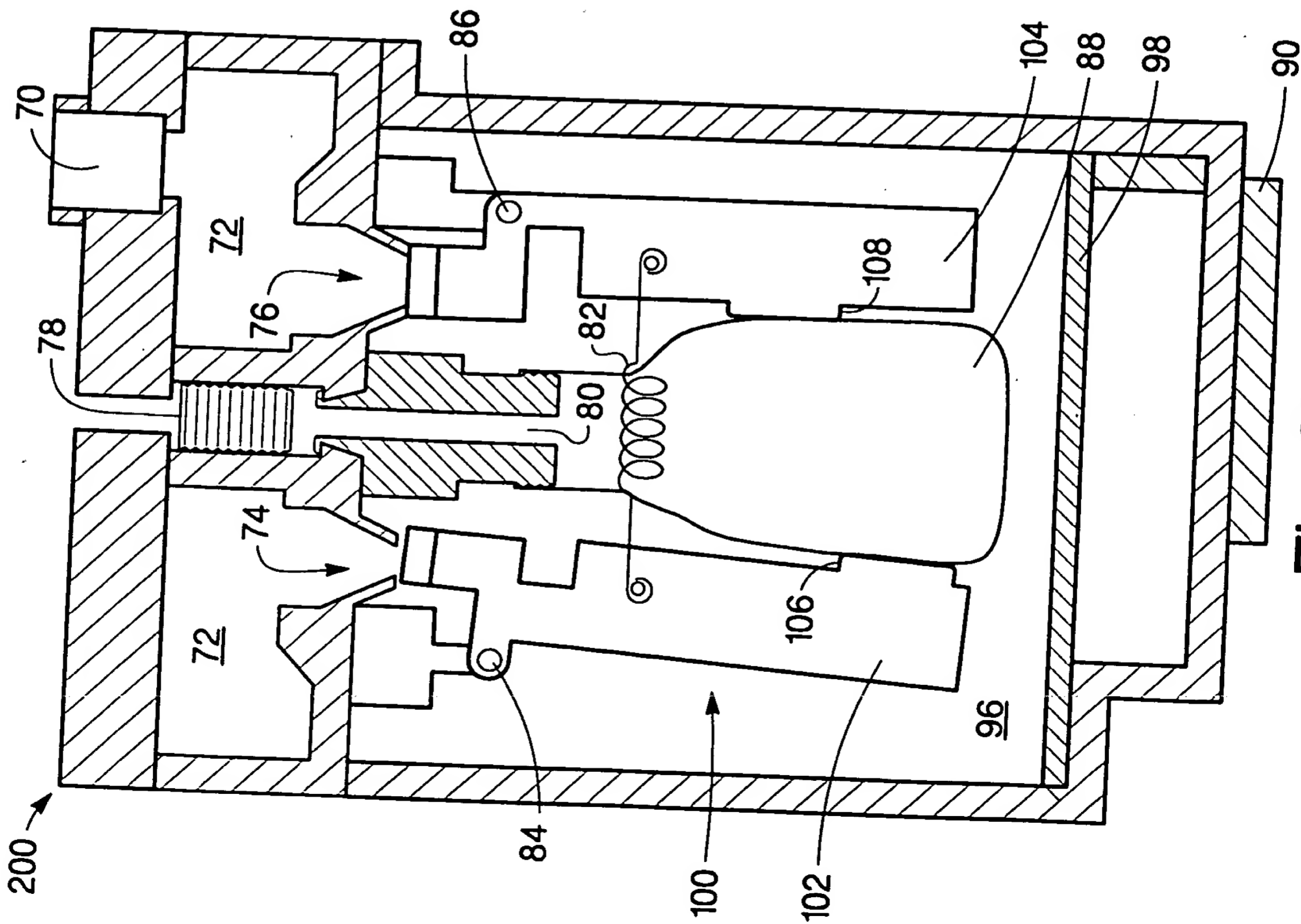


Fig. 6B

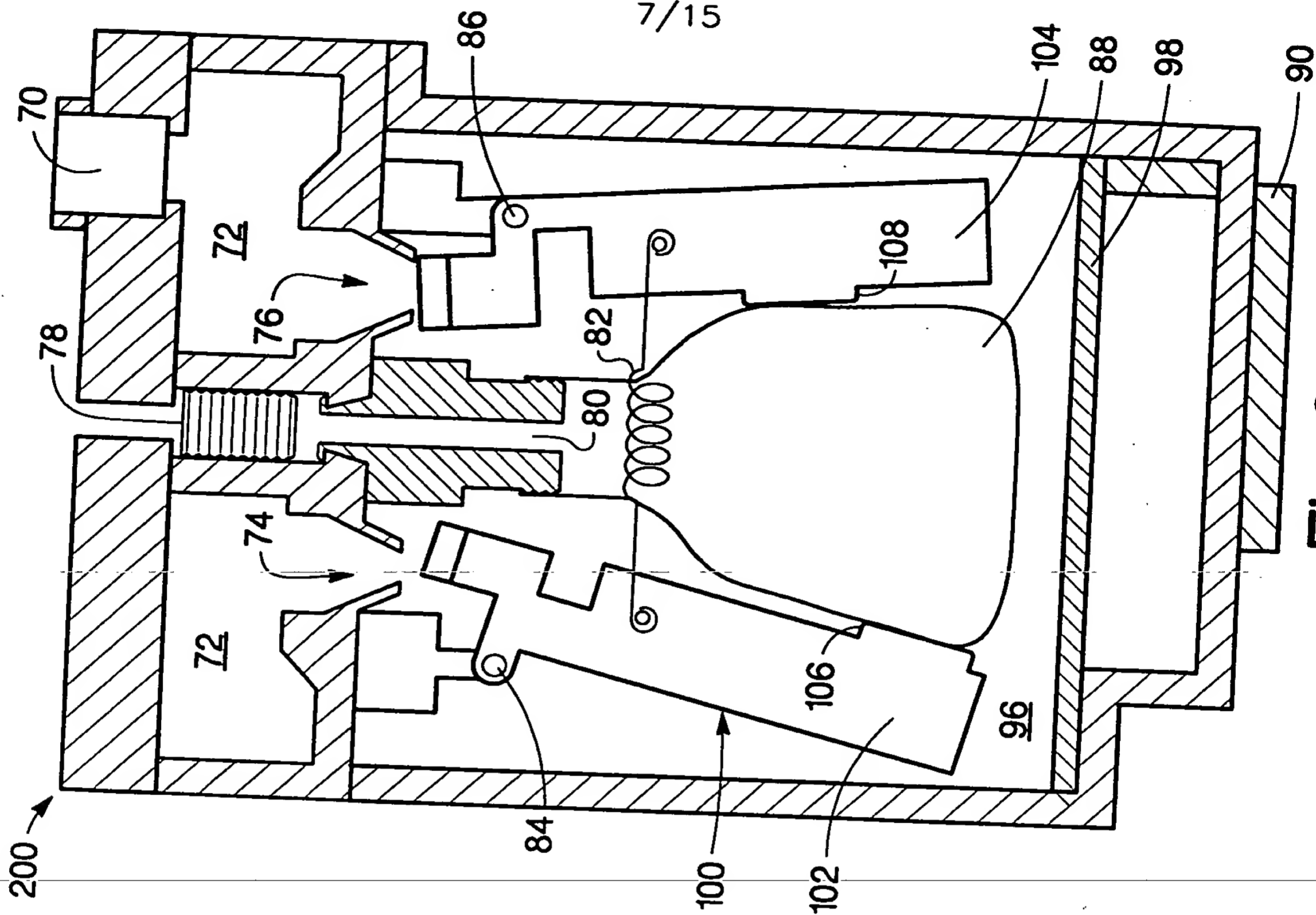


Fig. 6C

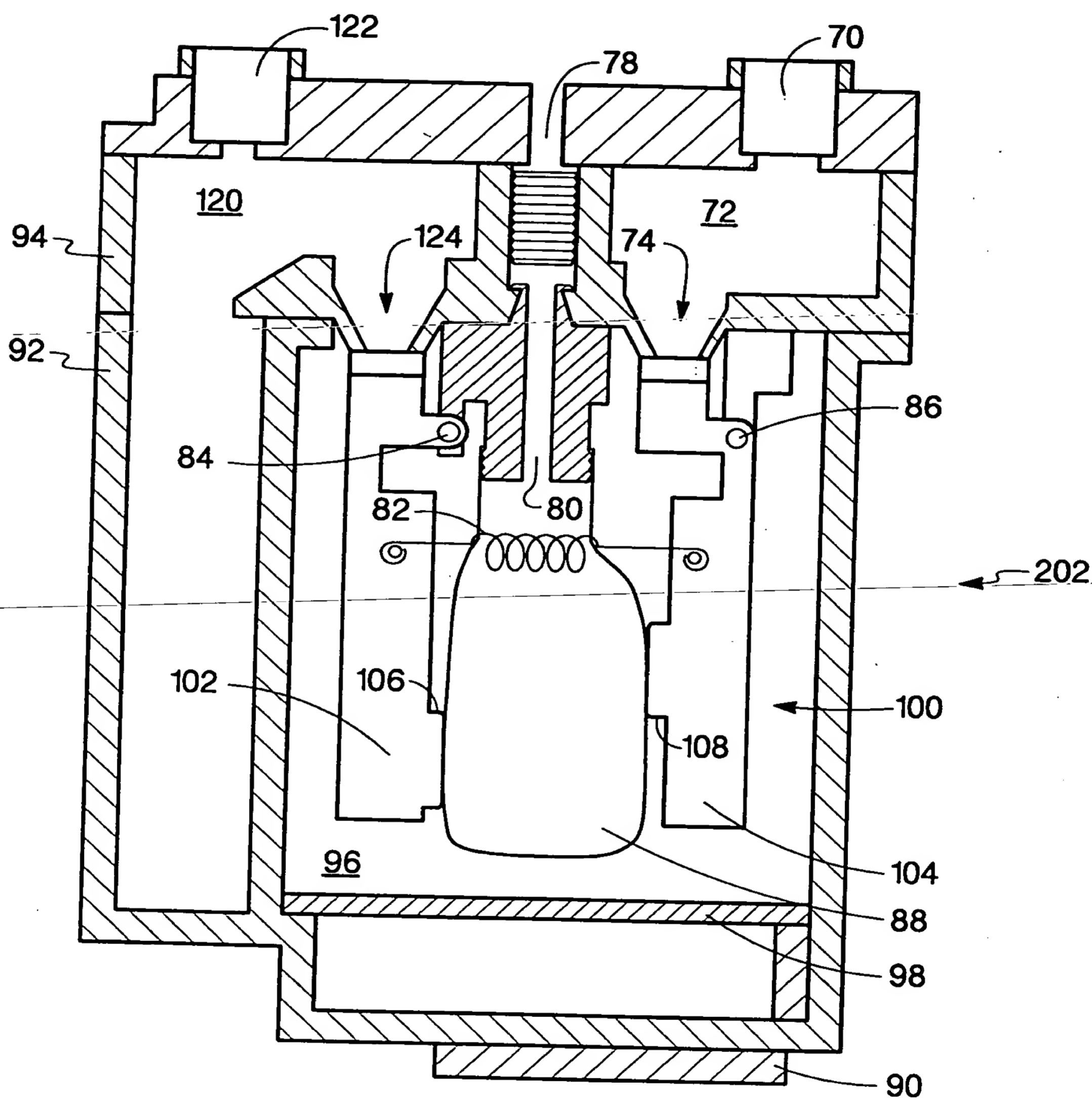


Fig. 7A

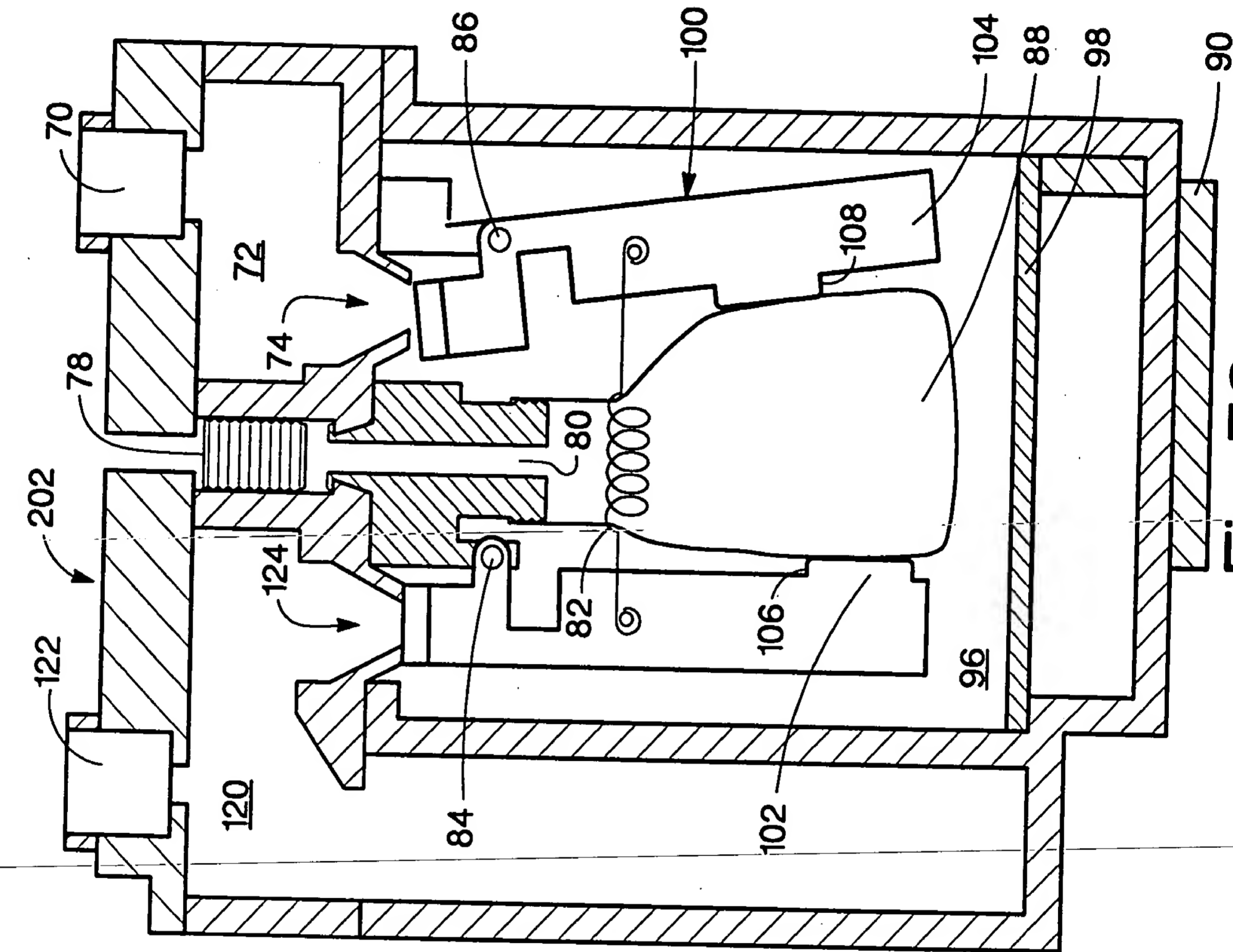


Fig. 7C

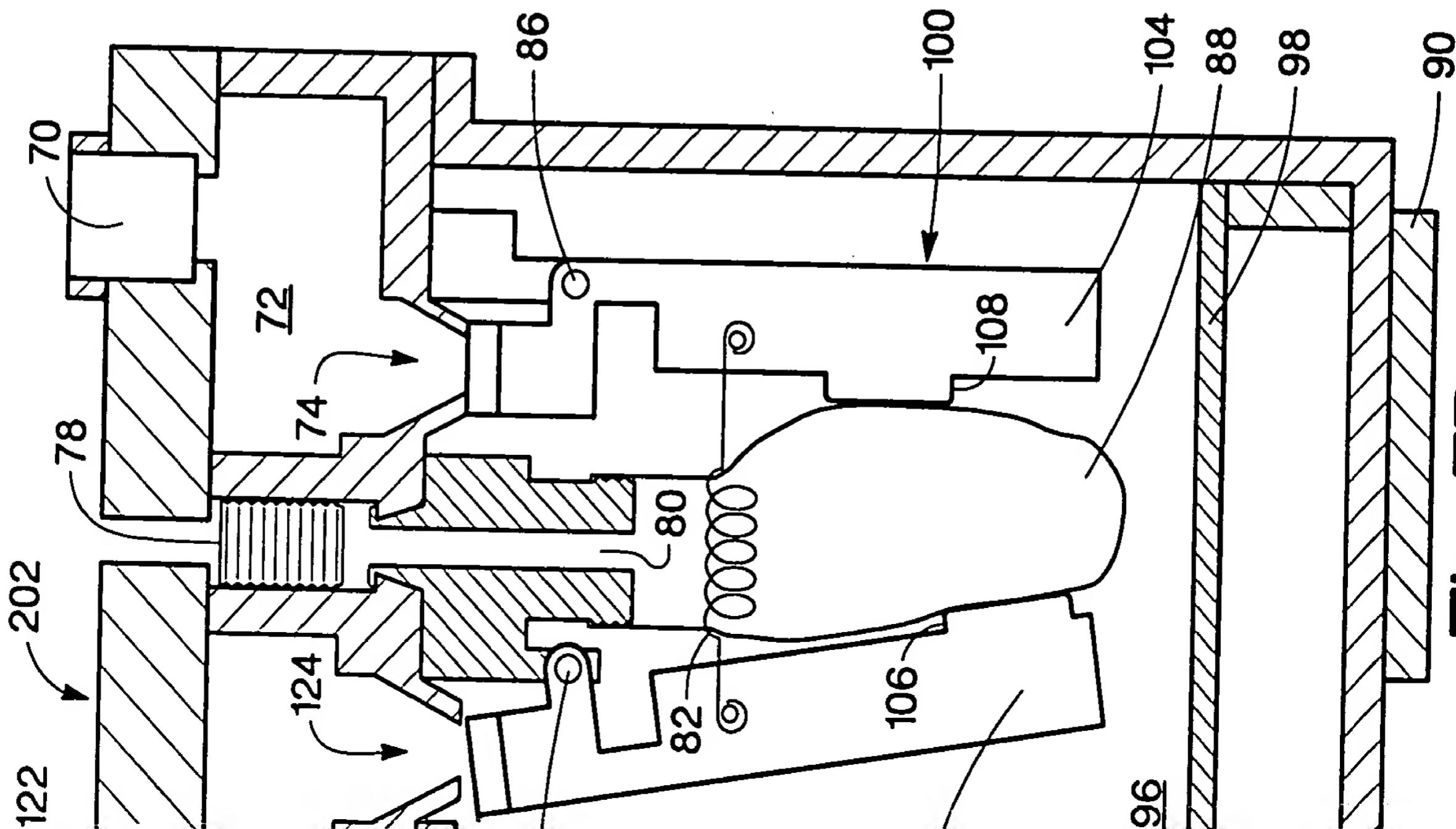


Fig. 7B

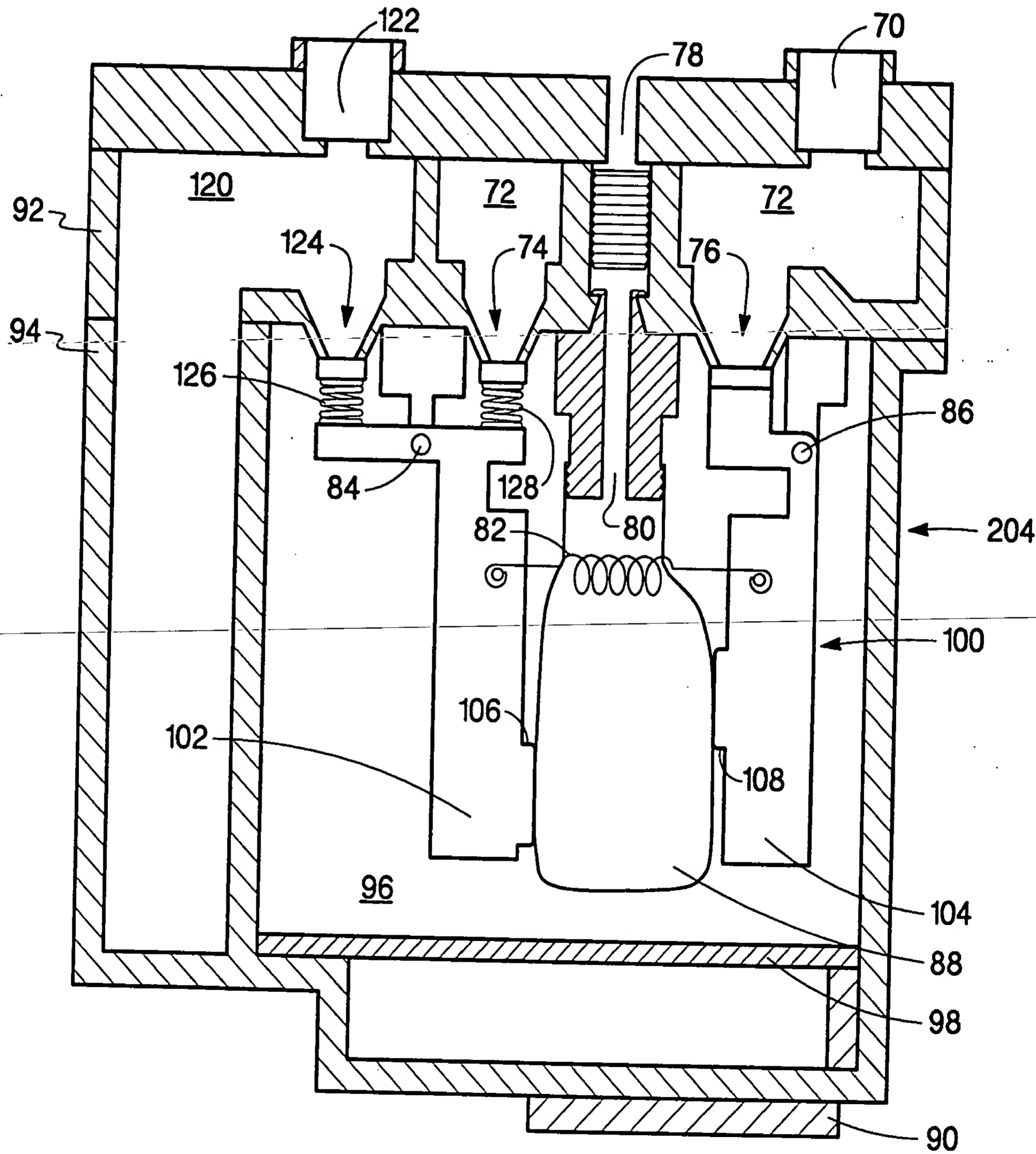


Fig. 8A

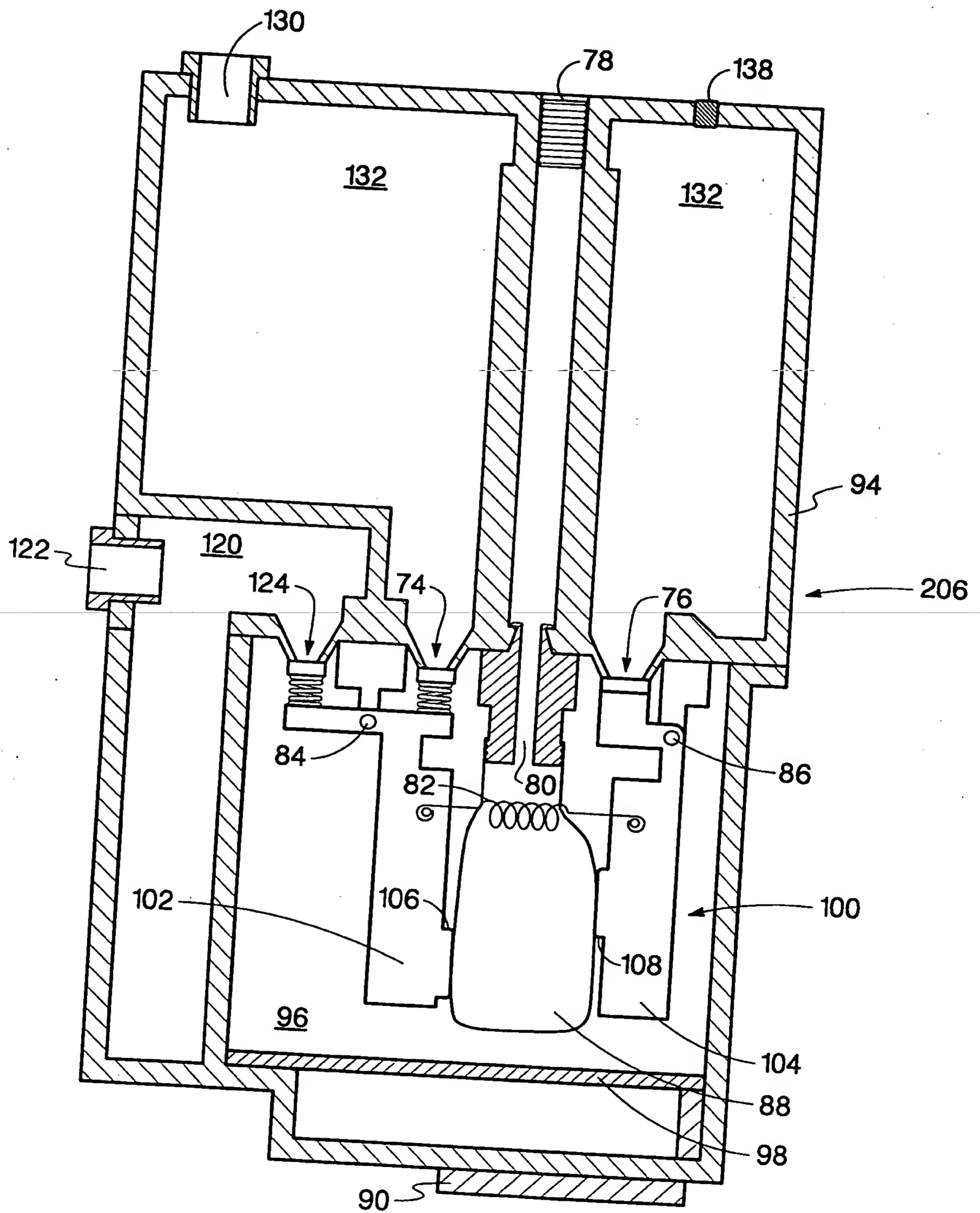


Fig. 9

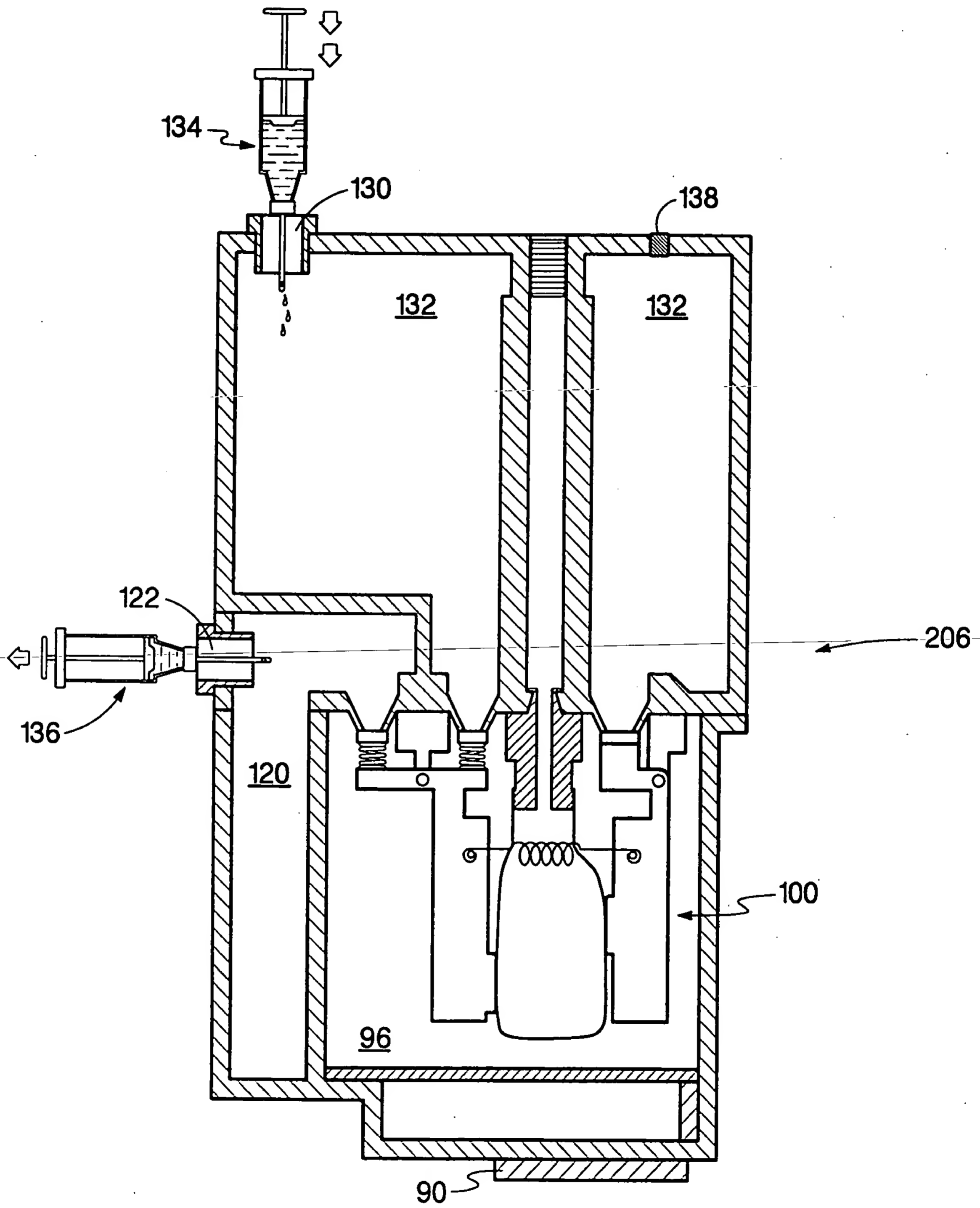


Fig. 10

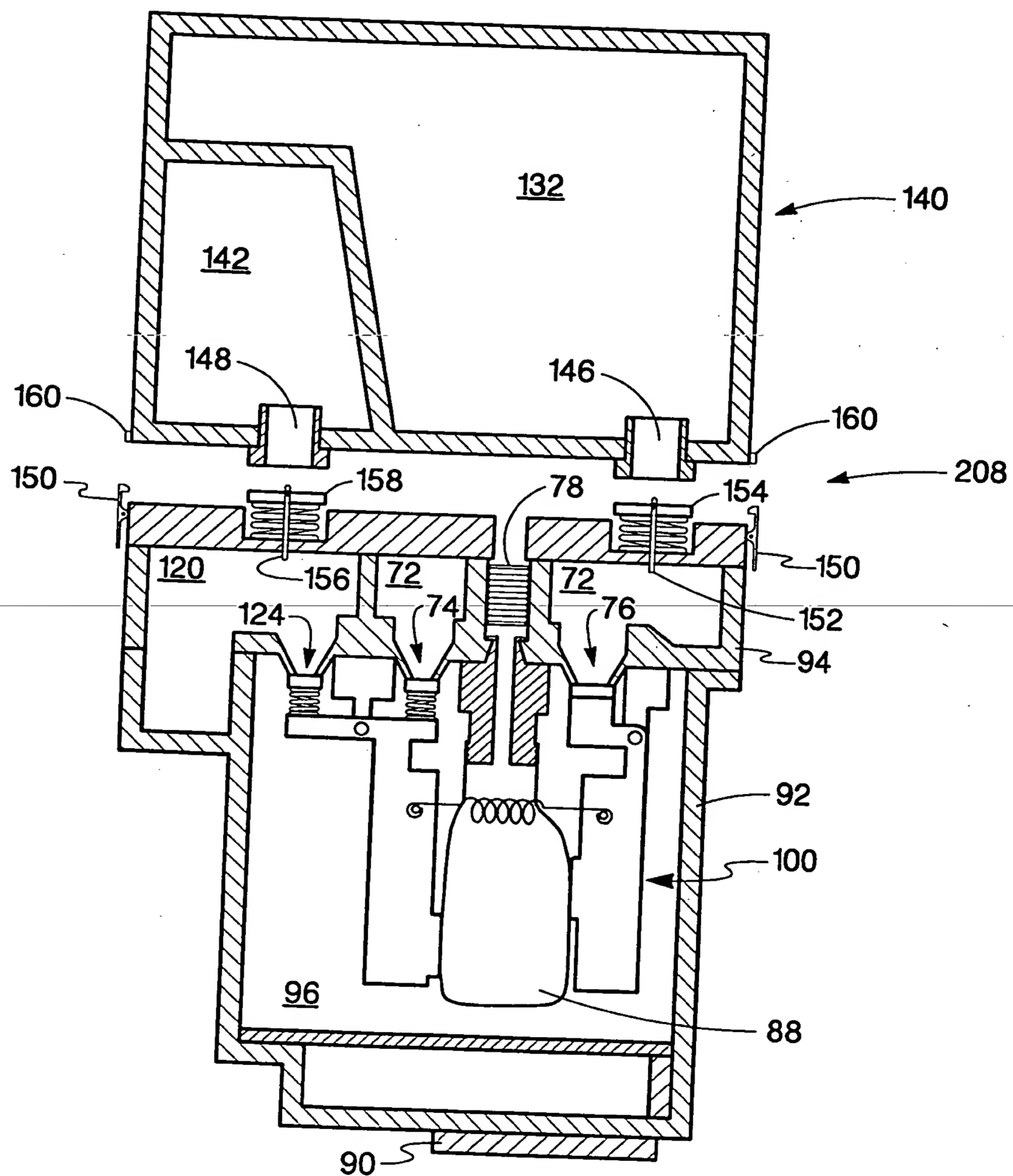


Fig. 11

FIG. 12

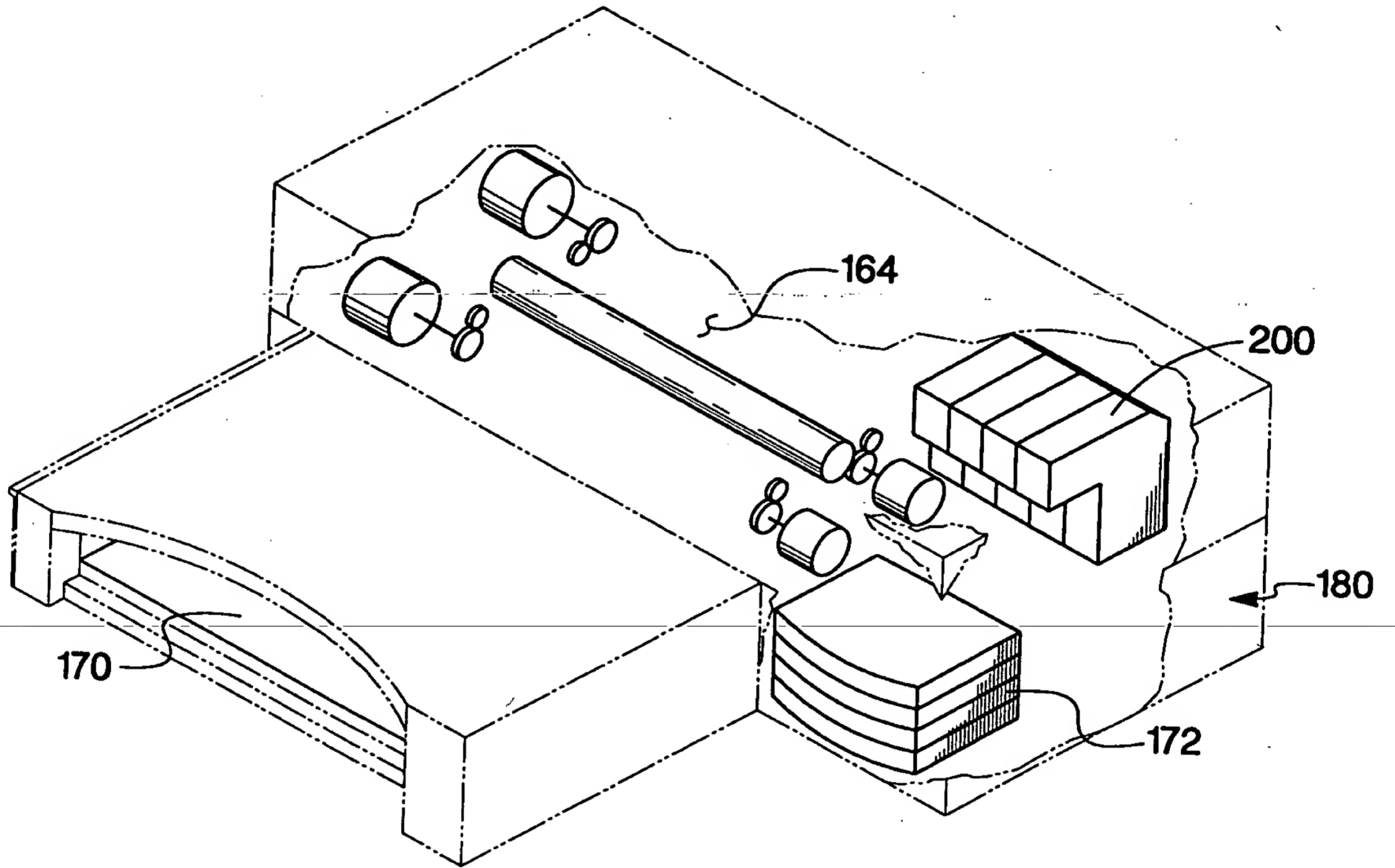


Fig. 12